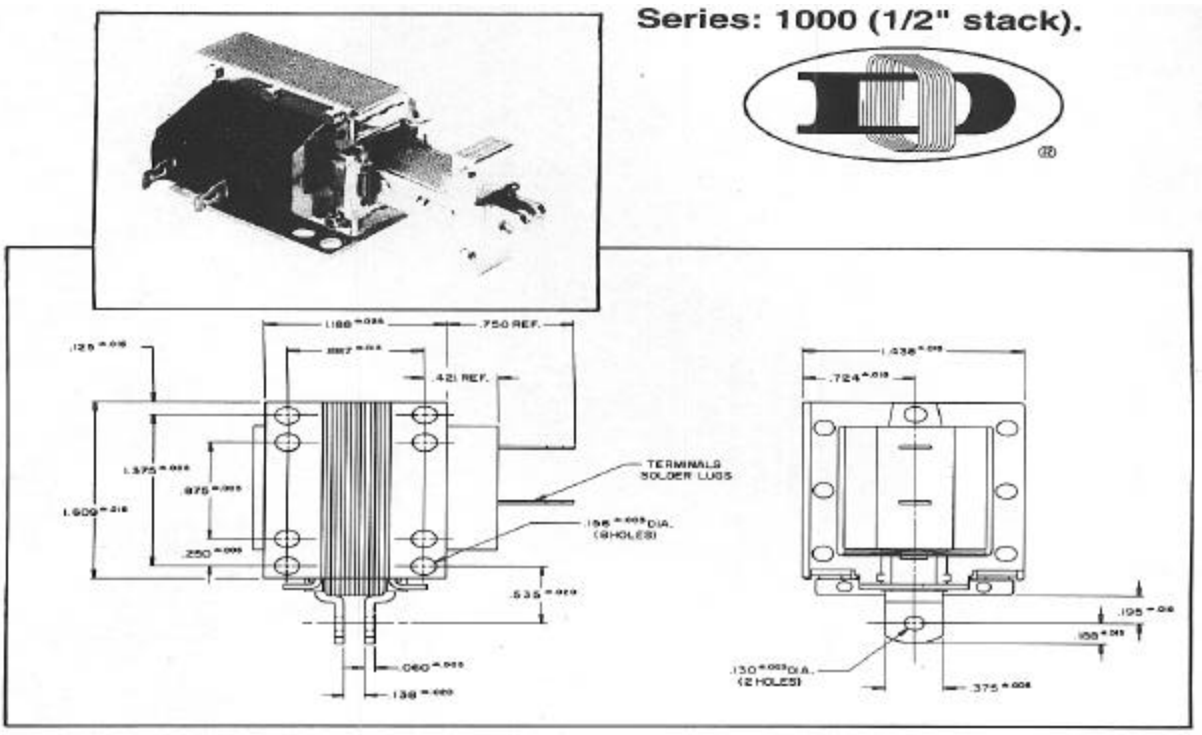
Jameco Part number 133102

"Laminated" Solenoid

- Input Voltage: AC.
- Duty Cycle: Intermittent or continuous.
- Pull version.



Standard Voltages:
AC: 240, 120, 48 and 24.

Other AC voltages available on request.

AC Frequency:
60HZ standard.
50HZ available on request.

Duty Cycle:
Continuous: at 25°C ambient temperature.

Intermittent: 20% on time, 80% off Time. On time not to exceed 3 min. at 25°C ambient temperature.

Coil Insulation:
Class "A": 105° C max. temperature standard.
Class "B": 130° C max. temperature, glass tape wound coil available on request.

Materials and Finish:
Coil: Polyester encapsulated.
Bobbin: Glass filled polyester
Frame: Laminated steel zinc dichromate plated.
Plunger: Laminated steel zinc dichromate plated.
Anti-Residual Spring: Stainless steel.
Plunger Stop Spring: Spring steel.
Plunger Guides: Brass.

Coil Termination:
Solder lugs, Type #1 per drawing, stock. Other terminations available.

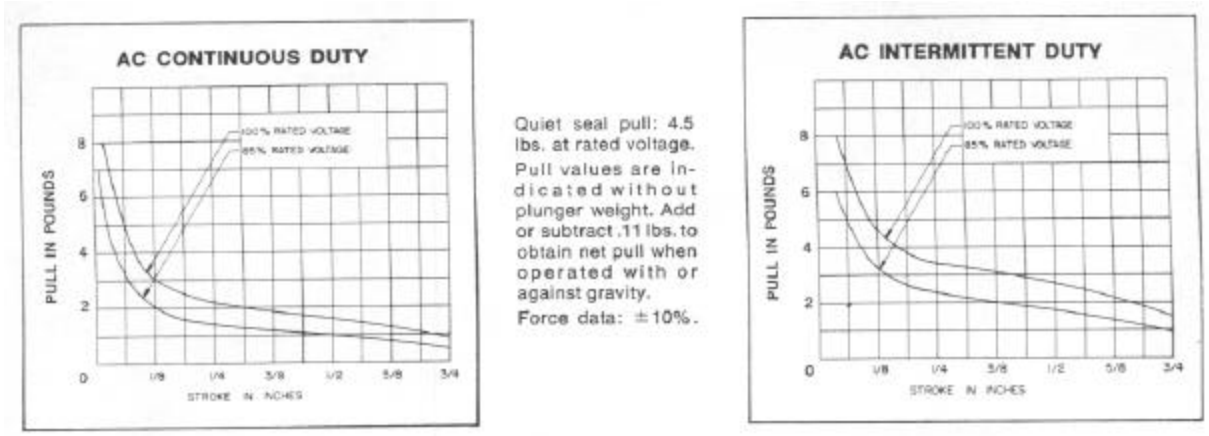
Plunger Linkage:
Formed per drawing above stock.
Straight, reinforced and link type available.

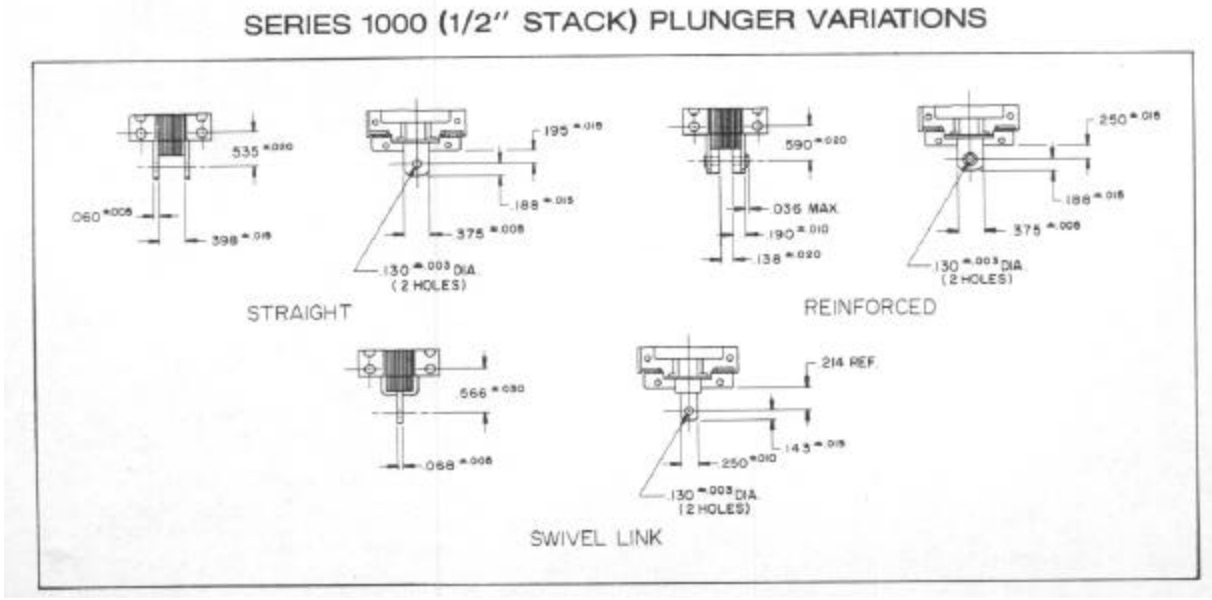
Average total weight: 6.5 oz.

Jameco Part number 133102

SERIES 1000 (1/2" STACK) AC SOLENOIDS

Part No.	1000=M=1	1001=M=1	1003=M=1	1004=M=1	1500=M=1	1501=M=1	1503=M=1	1504=M=1
Volts-60 HZ	120	240	48	24	120	240	48	24
Duty	Cont.	Cont.	Cont.	Cont.	Int.	Int.	Int.	Int.
Coil Resistance ± 10% (Ohms @ 25°C.)	88	354	14.2	3.6	58	240	9.5	2.3
Amps Seated ± 10%	.24	.15	.48	1.10	.52	.24	1.10	2.20
Amps at 1/8" ± 10%	.72	.38	1.80	3.70	1.20	.53	2.70	5.10
Amps at ¼" ± 10%	.92	.47	2.30	4.40	1.40	.64	3.30	6.60
Amps at 1/8" ± 10%	1.00	.52	2.70	5.00	1.70	.76	3.80	7.50
Amps at ½" ± 10%	1.20	.56	2.90	5.40	1.80	.81	4.00	8.50
Amps at 5/8" ± 10%	1.22	.60	3.00	5.60	1.90	.84	4.00	9.00


AC CONTINUOUS DUTY
PULL IN POUNDS
100% RATED VOLTAGE
85% RATED VOLTAGE
STROKE IN INCHES
Quiet seal pull: 4.5 lbs. at rated voltage.
Pull values are indicated without plunger weight. Add or subtract .11 lbs. to obtain net pull when operated with or against gravity.
Force data: ±10%.
AC INTERMITTENT DUTY
PULL IN POUNDS
100% RATED VOLTAGE
85% RATED VOLTAGE
STROKE IN INCHES



PULL VALUES INDICATED ARE AT 100% VOLTAGE AT 25° C, AND WITHOUT PLUNGER WEIGHT.

Jameco Part number 133102

ADD OR SUBTRACT .6 OZ. TO OBTAIN NET PULL WITH OR AGAINST GRAVITY. FORCE DATA: ±10%

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.